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thus given continually increasing value. Each new edition shows the perfecting touch of the author's hand. Messrs. Baudry & Cie., the French correspondents of this firm, have completed a translation into French of the "Manual of Steam-engine and Boiler Trials," by the same author, and will at once send it to press. They are also translating the "Manual of the Steam-engine," and expect to have that in type before the close of the year, under special arrangements with author and publishers.

— The number for March begins the seventh year of *The Forum*, and for its seventh year several new enterprises in periodical work are announced: first and foremost, the Silver Question. The March number contains two papers on it — one by Mr. Bland, who makes his best argument for silver, and the other by Mr. Leech, director of the mint. In the following months *The Forum* will publish the most thorough discussion of this subject that has been made, by the foremost writers of both continents. These articles will be a special feature of forthcoming numbers. The Educational Investigation into the work of the public schools in the several large cities of the Union has already been announced, and Dr. J. M. Rice, the special student of the most advanced school-work abroad, is now engaged in this task. His articles will begin in an early number. In the March number are two noteworthy educational articles — one by Mr. Clarence King, on "The Education of the Future," wherein he shows the narrow limitations of all our teaching, and points out the yet undeveloped fields and

methods, and the other by Professor John Earle on "The Study of English." Another line of special work laid down by *The Forum* is an investigation and discussion of Municipal Government, which is confessedly the weak place in our whole governmental system. The present number contains an investigation made by Professor Peabody of Harvard into the municipal government of Dresden. The Progress of the most Important Arts and Sciences will make a continuous feature of the coming volumes of *The Forum*, such as Music, Sculpture, Painting, Architecture, the Practical Application of Electricity, the Advance of Preventive Medicine, the Progress of Astronomy. Another group of subjects — old subjects that scientific progress makes of perpetual interest — will be Good Country Roads, and How Well they Pay; Scientific Agriculture and its Possibilities; What the Coming Man will Eat and How He will Cook it; and the like. The especial development of *The Forum* will be in the direction of original investigation by experts and authorities, into all classes of subjects of the greatest concern to readers who wish to keep abreast in their thought and lives with the world's progress; and the aim is never to thresh over old straw.

— A revised edition of Herbert Spencer's "Social Statics," the book which has created such a stir among social reformers, will be issued shortly by D. Appleton & Co., simultaneously with its publication in England. Having been much annoyed by the persistent quotation from this work, in the face of repeated warnings,

CALENDAR OF SOCIETIES.

Philosophical Society, Washington.

Feb. 27. — M. W. Harrington, Notes on the Climate of Death Valley; L. A. Bauer, Wilde's Explication of the Secular Variation Phenomenon of Terrestrial Magnetism; B. Pickman Mann, An Attempted Solution of a Social Problem.

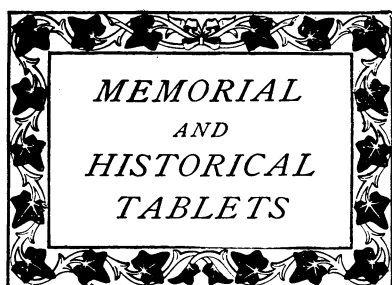
Society of Natural History, Boston.

Mar. 2. — W. G. Farlow, Notes on Collections of Cryptogams from the Higher Mountains of New England; G. Frederick Wright, Invasion of Eastern England by Norwegian Glaciers; Additional Evidence Concerning Human Remains under the Sonora Table Mountain, California.

The Numismatic and Antiquarian Society, Philadelphia.

Mar. 3. — Daniel G. Brinton, Mediæval and Aboriginal Dramas.

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A PROFESSORSHIP in Chemistry is wanted by one who has had five years' experience in that capacity. Would prefer to give instruction by lectures and experiments rather than by text-book methods. Would like a position in a college or university where there is a good student's laboratory. Special points of strength claimed are: (1) Thorough control of a class and good order during lectures and recitations. (2) Accuracy in experimenting with chemicals and skill in the manipulation of chemical apparatus. The permission of several distinguished educators has been given to refer to them if required. Would not care to accept a position paying less than \$1,500. Address B. E., care of Science, 874 Broadway, New York.

ADDRESS WANTED.—Will some one please send the address of the Secretary of the American Philological Society. Also that of Herbert Spencer. "ADDISON," Room 84, 164 Madison St., Chicago, Ill.

ADDRESSES of Old Book Dealers wanted. —Wishing to obtain a number of old books out of print. I very much desire the addresses or catalogues of rare second-hand book dealers. If there is a directory or list of such dealers I should like to obtain possession of one. W. A. BLAKELY, Chicago, Ill.

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For exchange.—Three copies of "American State Papers Bearing on Sunday Legislation," 1891, \$2.50, new and unused, for "The Sabbath," by Harmon Kingsbury, 1840; "The Sabbath," by A. A. Phelps, 1842; "History of the Institution of the Sabbath Day, Its Uses and Abuses," by W. L. Fisher, 1859; "Humorous Phases of the Law," by Irving Browne; or other works amounting to value of books exchanged, on the question of governmental legislation in reference to religion, personal liberty, etc. If preferred, I will sell "American State Papers," and buy other books on the subject. WILLIAM ADDISON BLAKELY, Chicago, Ill.

Wanted, in exchange for the following works, any standard works on Surgery and on Diseases of Children: Wilson's "American Orthnology," 3 vols.; Coues' "Birds of the Northwest" and "Birds of the Colorado Valley," 2 vols.; Minot's "Land and Game Birds of New England"; Samuels' "Our Northern and Eastern Birds," all the Reports on the Birds of the Pacific R. R. Survey, bound in 2 vols., Morocco; and a complete set of the Reports of the Arkansas Geological Survey. Please give editions and dates in corresponding. R. ELLSWORTH CALL, High School, Des Moines, Iowa.

For sale or exchange, LeConte, "Geology," Quain, "Anatomy," 2 vols.; Foster, "Physiology," Eng. edition; Shepard, Appleton, Elliott, and Stern, "Chemistry," Jordan, "Manual of Vertebrates," "International Scientists' Directory," Vol. I. *Journal of Morphology*, Bal-four, "Embryology," 2 vols.; Leidy, "Rhizopods," Science, 18 vols., unbound. C. T. MCCLINTOCK, Lexington, Ky.

To exchange Wright's "Ice Age in North America" and Le Conte's "Elements of Geology" (Copyright 1882) for "Darwinism," by A. R. Wallace, "Origin of Species," by Darwin, "Descent of Man," by Darwin, "Man's Place in Nature," Huxley, "Mental Evolution in Animals," by Romanes, "Pre-Adamites," by Winchell. No books wanted except latest editions, and books in good condition. C. S. Brown, Jr., Vanderbilt University, Nashville, Tenn.

For Sale or Exchange for books a complete private chemical laboratory outfit. Includes large Becker balance (200g. to 1-romg.), platinum dishes and crucibles, agate mortars, glass-blowing apparatus, etc. For sale in part or whole. Also complete file of *Silliman's Journal*, 1862-1885 (62-71 bound); Smithsonian Reports, 1854-1883; U. S. Coast Survey, 1854-1860. Full particulars to enquirers. F. GARDINER, JR., Pomfret, Conn.

of views which he had abandoned, and by the misquotation of others which he still holds. Mr. Spencer some ten years ago stopped the sale of the book in England and prohibited its translation. But the rapid spread of communistic theories gave new life to these misrepresentations; hence Mr. Spencer decided to delay no longer a statement of his mature opinions on the rights of individuals and the duty of the state. The volume includes also "The Man versus the State," a series of essays on political tendencies heretofore published separately. Mr. Spencer has secured an American copyright for his new volume.

— P. Blakiston, Son, & Co., announce "A Manual of Autopsies, designed for the Use of Hospitals for the Insane and Other Public Institutions," by I. W. Blackburn, M.D., pathologist to the Government Hospital for the Insane, Washington, D.C. This subject has for several years engaged the attention of the Association of Medical Superintendents of American Institutions for the Insane,

that the abundant material afforded the alienist may be systematically studied in all its clinical as well as pathological aspects. A uniform method being desirable, this manual has been prepared by the direction of the association committee, with the co-operation of Drs. Welch and Hurd of the Johns Hopkins Hospital, that by following the described routine in examination, pathologists, and even non-expert physicians, may prepare the most concise, graphic, and useful record of actual cases. It is fully illustrated from original drawings, sectional and regional, and as an adopted standard, should be in the hands of every examiner who can contribute to the valuable records thus established.

— D. Appleton & Co. have just ready "Moral Teachings of Science," by Arabella B. Buckley, intended for readers who would not take up an elaborate philosophical work; and a "Manual of Chemical Technology," by Randolph von Wagner, translated and edited by William Crookes.

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